

# IMPROVEMENT ON A FEEDING MECHANISM OF AN AUTOMATIC PIPE BENDING MACHINE

## ABSTRACT

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A feeding mechanism of a pipe bending machine is equipped with several auxiliary hydraulic cylinders in addition to an original power source for providing power to feed a pipe; the auxiliary hydraulic cylinders are joined to an auxiliary fixing member at output rods thereof,  
10 which fixing member is displaceable along a toothed locating rod secured on the bending machine, and is equipped with an engaging device capable of releaseably engaging the toothed locating rod to fix the fixing member in position; thus, the feeding mechanism can feed a pipe with increased force output when the fixing member is made unmovable  
15 along the locating rod by the engaging device, and when the auxiliary hydraulic cylinders operate.

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